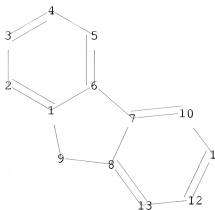
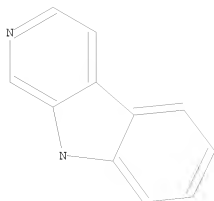


=>



ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13

ring bonds :

1-2 1-6 1-9 2-3 3-4 4-5 5-6 6-7 7-8 7-10 8-9 8-13 10-11 11-12 12-13

exact/norm bonds :

1-9 6-7 8-9

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6 7-8 7-10 8-13 10-11 11-12 12-13

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom 11:Atom
12:Atom 13:Atom

L1 STRUCTURE UPLOADED

=> s l1 sss sam

SAMPLE SEARCH INITIATED 09:18:07 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 10391 TO ITERATE

19.2% PROCESSED 2000 ITERATIONS

50 ANSWERS

INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

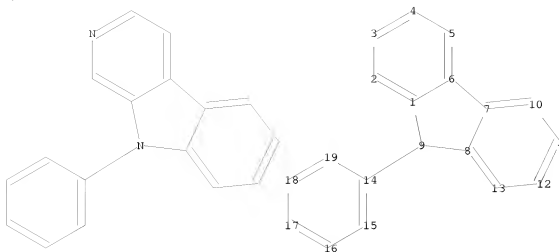
BATCH **COMPLETE**

PROJECTED ITERATIONS: 201711 TO 213929

PROJECTED ANSWERS: 6705 TO 9089

L2 50 SEA SSS SAM L1

=>



ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19

chain bonds :

9-14

ring bonds :

1-2 1-6 1-9 2-3 3-4 4-5 5-6 6-7 7-8 7-10 8-9 8-13 10-11 11-12 12-13 14-15 14-19 15-16 16-17 17-18 18-19

exact/norm bonds :

1-9 6-7 8-9 9-14

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6 7-8 7-10 8-13 10-11 11-12 12-13 14-15 14-19 15-16 16-17 17-18 18-19

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom 11:Atom
12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom

L3 STRUCTURE UPLOADED

=> s 13 sss sam

SAMPLE SEARCH INITIATED 09:19:03 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 1389 TO ITERATE

100.0% PROCESSED 1389 ITERATIONS

2 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 25545 TO 30015
PROJECTED ANSWERS: 2 TO 124

L4 2 SEA SSS SAM L3

=> s 14 sss full
FULL SEARCH INITIATED 09:19:08 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 27810 TO ITERATE

100.0% PROCESSED 27810 ITERATIONS 71 ANSWERS
SEARCH TIME: 00.00.01

L5 71 SEA SSS FUL L3

=> s 15
L6 63 L5
=> s 16 and py<=2003
23979561 PY<=2003
L7 14 L6 AND PY<=2003

=> d 17 ibib hitstr

L7 ANSWER 1 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN
Title

Potent genotoxicity of aminophenylnorharman, formed from non-mutagenic norharman and aniline, in the liver of gpt delta transgenic mouse

Author/Inventor

Masumura, Ken-Ichi; Totsuka, Yukari; Wakabayashi, Keiji; Nohmi, Takehiko

Patent Assignee/Corporate Source

Division of Genetics and Mutagenesis, National Institute of Health Sciences, 1-18-1 Kamiyoga Setagaya-ku, Tokyo, 158-8501, Japan

Source

Carcinogenesis (2003), 24(12), 1985-1993 CODEN: CRNGDP; ISSN: 0143-3334

Document Type

Journal

Language

English

=> d 17 2-14 ibib hitstr

L7 ANSWER 2 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN
Title

Structure of DNA Adduct Formed with Aminophenylnorharman, Being Responsible for the Comutagenic Action of Norharman with Aniline

Author/Inventor

Totsuka, Yukari; Takamura-Enya, Takeji; Kawahara, Nobuo; Nishigaki, Rena; Sugimura, Takashi; Wakabayashi, Keiji

Patent Assignee/Corporate Source

Cancer Prevention Division, National Cancer Center Research Institute, Tokyo, 104-0045, Japan

Source

Chemical Research in Toxicology (2002), 15(10), 1288-1294 CODEN: CRTOEC; ISSN: 0893-228X

Document Type

Journal

Language
English

L7 ANSWER 3 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN

Title
Structure of DNA Adduct Formed with Aminophenylnorharman, Being Responsible for the Comutagenic Action of Norharman with Aniline

Author/Inventor
Totsuka, Yukari; Takamura-Enya, Takeji; Kawahara, Nobuo; Nishigaki, Rena; Sugimura, Takashi; Wakabayashi, Keiji

Patent Assignee/Corporate Source
Cancer Prevention Division, National Cancer Center Research Institute, Chuo-ku, Tokyo, 104-0045, Japan

Source
Chemical Research in Toxicology (2002), 15(10), 1288-1294 CODEN: CRTOEC; ISSN: 0893-228X

Document Type
Journal

Language
English

L7 ANSWER 4 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN

Title
In vitro and in vivo formation of aminophenylnorharman from norharman and aniline

Author/Inventor
Totsuka, Yukari; Kataoka, Hiroyuki; Takamura-Enya, Takeji; Sugimura, Takashi; Wakabayashi, Keiji

Patent Assignee/Corporate Source
Cancer Prevention Division, National Cancer Center Research Institute, Chuo-ku, Tokyo, 104-0045, Japan

Source
Mutation Research, Fundamental and Molecular Mechanisms of Mutagenesis (2002), 506-507, 49-54 CODEN: MUREAV; ISSN: 0027-5107

Document Type
Journal

Language
English

L7 ANSWER 5 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN

Title
Maternal and developmental toxicity in mice by aminophenylnorharman, formed from norharman and aniline

Author/Inventor
Nagao, T.; Yoshimura, S.; Totsuka, Y.; Wakabayashi, K.

Patent Assignee/Corporate Source
Department of Life Science, Faculty of Science and Technology, Kinki University, Osaka, 577-8502, Japan

Source
Human & Experimental Toxicology (2002), 21(3), 147-151 CODEN: HETOEA; ISSN: 0960-3271

Document Type
Journal

Language
English

L7 ANSWER 6 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN

Title
Possible lack of carcinogenic potential of 9-(4'-Aminophenyl)-9H-pyrido[3,4-b]indole

(aminophenylnorharman) for the pancreatic duct epithelium in hamsters

Author/Inventor

Kubozoe, Tadahiko; Tsutsumi, Masahiro; Murata, Nao; Tsujiuchi, Toshifumi; Tsunoda, Tsukasa; Sugimura, Takashi; Wakabayashi, Keiji; Konishi, Yoichi

Patent Assignee/Corporate Source

Department of Oncological Pathology, Cancer Center, Nara Medical University, Nara, 634-8521, Japan

Source

Journal of Toxicologic Pathology (2002), 15(1), 7-12 CODEN: JTPAE7; ISSN: 0914-9198

Document Type

Journal

Language

English

L7 ANSWER 7 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Induction of sister chromatid exchanges and chromosome aberrations in cultured mammalian cells treated with aminophenylnorharman formed by norharman with aniline

Author/Inventor

Ohe, Takeshi; Takata, Tomoko; Maeda, Yoko; Totsuka, Yukari; Hada, Noriyasu; Matsuoka, Atsuko; Tanaka, Norihiro; Wakabayashi, Keiji

Patent Assignee/Corporate Source

Department of Food and Nutrition, Kyoto Women's University, Imakumano, Higashiyama-ku, Kyoto, 605-8501, Japan

Source

Mutation Research, Genetic Toxicology and Environmental Mutagenesis (2002), 515(1-2), 181-188 CODEN: MRGMFI; ISSN: 1383-5718

Document Type

Journal

Language

English

L7 ANSWER 8 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Testicular Toxicity in F344 Rats by Aminophenylnorharman, Formed from Norharman and Aniline

Author/Inventor

Totsuka, Yukari; Kawamori, Toshihiko; Hisada, Shigeru; Mitsumori, Kunitoshi; Ishihara, Junko; Sugimura, Takashi; Wakabayashi, Keiji

Patent Assignee/Corporate Source

Cancer Prevention Division, National Cancer Center Research Institute, Chuo-ku, Tokyo, 104-0045, Japan

Source

Toxicology and Applied Pharmacology (2001), 175(2), 169-175 CODEN: TXAPA9; ISSN: 0041-008X

Document Type

Journal

Language

English

L7 ANSWER 9 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Oxidative DNA damage by an N-hydroxy metabolite of the mutagenic compound formed from norharman and aniline

Author/Inventor

Ohnishi, S.; Murata, M.; Oikawa, S.; Totsuka, Y.; Takamura, T.; Wakabayashi, K.; Kawanishi, S.

Patent Assignee/Corporate Source

Department of Hygiene, Mie University School of Medicine, Mie, Tsu, 514-8507, Japan

Source

Mutation Research, Genetic Toxicology and Environmental Mutagenesis (2001), 494(1-2), 63-72
CODEN: MRGMFI; ISSN: 1383-5718

Document Type
Journal
Language
English

L7 ANSWER 10 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Structures of mutagens produced by the co-mutagen norharman with o- and m-toluidine isomers

Author/Inventor

Hada, N.; Totsuka, Y.; Enya, T.; Tsurumaki, K.; Nakazawa, M.; Kawahara, N.; Murakami, Y.; Yokoyama, Y.; Sugimura, T.; Wakabayashi, K.

Patent Assignee/Corporate Source

Cancer Prevention Division, National Cancer Center Research Institute, Tokyo, Chuo-ku, 104-0045, Japan

Source

Mutation Research, Genetic Toxicology and Environmental Mutagenesis (2001), 493(1-2), 115-126
CODEN: MRGMFI; ISSN: 1383-5718

Document Type
Journal
Language
English

L7 ANSWER 11 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Induction of liver preneoplastic lesions by aminophenylnorharman, formed from norharman and aniline, in male F344 rats

Author/Inventor

Kawamori, T.; Totsuka, Y.; Ishihara, J.; Uchiya, N.; Sugimura, T.; Wakabayashi, K.

Patent Assignee/Corporate Source

Cancer Prevention Division, National Cancer Center Research Institute, Chuo-ku, Tokyo, 104-0045, Japan

Source

Cancer Letters (Shannon, Ireland) (2001), 163(2), 157-161 CODEN: CALEDQ; ISSN: 0304-3835

Document Type
Journal
Language
English

L7 ANSWER 12 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN

Title

9H-pyrido[3,4-b]indole derivatives as spermatozoid formation inhibitors for birth control of harmful animals

Author/Inventor

Wakabayashi, Keiji; Tozuka, Yukari

Patent Assignee/Corporate Source

Sagami Chemical Research Center, Japan

Source

Jpn. Kokai Tokkyo Koho, 4 pp. CODEN: JKXXAF

Document Type
Patent
Language
Japanese

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2000256193	A	20000919	JP 1999-67214	19990312

Patent Number (1)
JP 2000256193
Kind Code (1)
A
Patent Publication Date (1)
20000919
Application Number (1)
JP 1999-67214
Application Date (1)
19990312
Priority Patent Number (1)
JP 1999-67214
Priority Patent Publication Date (1)
19990312

L7 ANSWER 13 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN

Title
Structural determination of a mutagenic aminophenylnorharman produced by the co-mutagen norharman with aniline
Author/Inventor
Totsuka, Yukari; Hada, Noriyasu; Matsumoto, Ken-Ichiro; Kawahara, Nobuo; Murakami, Yasuoki; Yokoyama, Yuusaku; Sugimura, Takashi; Wakabayashi, Keiji
Patent Assignee/Corporate Source
Cancer Prevention Division, National Cancer Center Research Institute, Tokyo, 104-0045, Japan
Source
Carcinogenesis (1998), 19(11), 1995-2000 CODEN: CRNGDP; ISSN: 0143-3334
Document Type
Journal
Language
English

L7 ANSWER 14 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN

Title
Synthesis of alkaloid analogs
Author/Inventor
Doepke, Werner; Sewerin, Edda
Patent Assignee/Corporate Source
Sekt. Chem., Humboldt-Univ., Berlin, Ger. Dem. Rep.
Source
Zeitschrift fuer Chemie (1980), 20(10), 374 CODEN: ZECEAL; ISSN: 0044-2402
Document Type
Journal
Language
German

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---Logging off of STN---

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Executing the logoff script...